

Sub. B
1 A window display device which displays image data on a
2 display screen, comprising:
3 a first sub-screen displaying a first area of image data;
4 a main screen displaying a part of said first area with
5 enlargement;
6 a second sub-screen displaying a second area which is
7 adjacent to said first area;
8 a first sub-screen image window for displaying an area
9 displayed in said main screen with a display indicating frame on
10 said first sub-screen;
11 a main screen image window for moving said display
12 indicating frame and said display area within said main screen in
13 correspondence to an output representing movement of a pointing
14 device as notified by said first sub-screen window, said first
15 sub-screen window causing said display indicating frame to be
16 moved within said first sub-screen while said pointing device is
17 in dragging state; and
18 a second sub-screen image window for displaying said display
19 indicating frame in said second sub-screen when said pointing
20 device has moved said display indicating frame by dragging it
21 into said second sub-screen.

Sub Cl (1) 2. A window display device which displays image data having a page delimiter on a display screen, comprising:

2 a first sub-screen displaying a first area of image data in
3 a sub-screen column;

5 a main screen displaying a part of said first area with
6 enlargement;

7 a second sub-screen displaying in said sub-screen column a
8 second area which is adjacent to said first area;

9 a first sub-screen image window for displaying a reduced
10 image of a page which is currently displayed on said main screen
11 with said area displayed in said main screen indicated by a
12 display indicating frame;

13 a main screen image window for moving said display
14 indicating frame and said display area within said main screen in
15 correspondence to an output representing movement of a pointing
16 device as notified by said first sub-screen window, said first
17 sub-screen window causing said display indicating frame to be
18 moved within the same page while said pointing device is in
19 dragging state;

20 a second sub-screen image window for displaying said display
21 indicating frame in said second sub-screen when said pointing
22 device has moved said display indicating frame by dragging it
23 into said second sub-screen;

24 a display screen parent window operative when said pointing
25 device has dropped said display indicating frame at an arbitrary
26 place on said second screen to which said pointing device moved,
27 for switching said main screen to the page to which said pointing
28 device moved and displaying the place indicated by said display
29 indicating frame in said main screen; and
30 a sub-screen parent window for scrolling said sub-screen so
31 that the sub-screen of the page displayed on said main screen
32 comes to a predetermined position of said sub-screen column.

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3. The window display device of Claim 2 in which said sub-screen parent window scrolls said sub-screen so that the sub-screen of the page displayed on said main screen comes to substantially the central position of said sub-screen column.

1 4. A window display method of displaying image data on a
2 display screen of a display device having a first sub-screen
3 displaying a first area of image data, a main screen displaying a
4 part of said first area with enlargement and a second sub-screen
5 displaying a second area which is adjacent to said first area,
6 said window display method comprising the steps of:

7 displaying an area displayed in said main screen with a
8 display indicating frame on said first sub-screen;

9 moving said display indicating frame and the display area
10 within said main screen in correspondence to the movement of a
11 pointing device which causes said display indicating frame to be
12 moved within said first sub-screen while said pointing device is
13 in dragging state; and

14 displaying said display indicating frame in said second sub-
15 screen when said pointing device has moved said display
16 indicating frame by dragging it into said second sub-screen.

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5. A window display method of displaying image data having a page delimiter on a display screen of a display device having a main screen displaying a part of a page with enlargement, a first sub-screen displaying the image of that page in a sub-screen column and a second sub-screen displaying one or more second areas which is adjacent to said page, said window display method comprising the steps of:

8 displaying a reduced image of a page which is currently displayed on said main screen with the area displayed in said main screen indicated by a display indicating frame;

11 moving said display indicating frame and said display area within said main screen in correspondence to the movement of a pointing device which causes said display indicating frame to be moved within the same page while said pointing device is in dragging state;

16 displaying said display indicating frame in said second sub-screen when said pointing device has moved said display indicating frame by dragging it into said second sub-screen;

19 switching said main screen to the page to which said pointing device moved to display the place indicated by said display indicating frame in said main screen when said pointing device has dropped said display indicating frame at an arbitrary place on said second screen to which the pointing device moved to

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24 display the place indicated by said display indicating frame in
25 said main screen; and

26 scrolling said sub-screen so that the sub-screen of the page
27 displayed on said main screen comes to a predetermined position
28 of said sub-screen column.

2025 2020 2015 2010 2005 2000 1995 1990 1985 1980 1975 1970 1965 1960 1955 1950 1945 1940 1935 1930 1925 1920 1915 1910 1905 1900 1895 1890 1885 1880 1875 1870 1865 1860 1855 1850 1845 1840 1835 1830 1825 1820 1815 1810 1805 1800 1795 1790 1785 1780 1775 1770 1765 1760 1755 1750 1745 1740 1735 1730 1725 1720 1715 1710 1705 1700 1695 1690 1685 1680 1675 1670 1665 1660 1655 1650 1645 1640 1635 1630 1625 1620 1615 1610 1605 1600 1595 1590 1585 1580 1575 1570 1565 1560 1555 1550 1545 1540 1535 1530 1525 1520 1515 1510 1505 1500 1495 1490 1485 1480 1475 1470 1465 1460 1455 1450 1445 1440 1435 1430 1425 1420 1415 1410 1405 1400 1395 1390 1385 1380 1375 1370 1365 1360 1355 1350 1345 1340 1335 1330 1325 1320 1315 1310 1305 1300 1295 1290 1285 1280 1275 1270 1265 1260 1255 1250 1245 1240 1235 1230 1225 1220 1215 1210 1205 1200 1195 1190 1185 1180 1175 1170 1165 1160 1155 1150 1145 1140 1135 1130 1125 1120 1115 1110 1105 1100 1095 1090 1085 1080 1075 1070 1065 1060 1055 1050 1045 1040 1035 1030 1025 1020 1015 1010 1005 1000 995 990 985 980 975 970 965 960 955 950 945 940 935 930 925 920 915 910 905 900 895 890 885 880 875 870 865 860 855 850 845 840 835 830 825 820 815 810 805 800 795 790 785 780 775 770 765 760 755 750 745 740 735 730 725 720 715 710 705 700 695 690 685 680 675 670 665 660 655 650 645 640 635 630 625 620 615 610 605 600 595 590 585 580 575 570 565 560 555 550 545 540 535 530 525 520 515 510 505 500 495 490 485 480 475 470 465 460 455 450 445 440 435 430 425 420 415 410 405 400 395 390 385 380 375 370 365 360 355 350 345 340 335 330 325 320 315 310 305 300 295 290 285 280 275 270 265 260 255 250 245 240 235 230 225 220 215 210 205 200 195 190 185 180 175 170 165 160 155 150 145 140 135 130 125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0

1 6 A recording medium recording a display control program for
2 6 operating a computer system having a display device for
3 6 displaying image data on a display screen of said display device,
4 6 said display control program causing said computer system to:
5 display a first sub-screen displaying a first area of image
6 data;
7 display a main screen displaying a part of said first area
8 with enlargement;
9 display a second sub-screen displaying a second area which
10 is adjacent to said first area;
11 display the area displayed in said main screen on said first
12 sub-screen with a display indicating frame;
13 move said display indicating frame and said display area
14 within said main screen in correspondence to the movement of a
15 pointing device which causes said display indicating frame to be
16 moved within said first sub-screen while said pointing device is
17 in dragging state; and
18 display said display indicating frame in said second sub-
19 screen when said pointing device has moved said display
20 indicating frame by dragging it into said second sub-screen.

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1 A recording medium recording a display control program for
2 operating a computer system having a display device for image
3 data having a page delimiter on a display screen of a display
4 device, said display control program causing said computer system
5 to:

6 display a main screen displaying a part of a page with
7 enlargement:

8 display first sub-screen displaying the image of that page
9 in a sub-screen column;

10 display a second sub-screen displaying one or more second
11 areas which is adjacent to said page in said sub-screen column;

12 display a reduced image of a page which is currently
13 displayed on said main screen with the area displayed in said
14 main screen indicated by a display indicating frame;

15 move said display indicating frame and said display area
16 within said main screen in correspondence to the movement of a
17 pointing device which causes said display indicating frame to be
18 moved within the same page while said pointing device is in
19 dragging state;

20 display said display indicating frame in said second sub-
21 screen when said pointing device has moved said display
22 indicating frame by dragging it into said second sub-screen;

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23 switching said main screen to the page to which said
24 pointing device moved to display the place indicated by said
25 display indicating frame in said main screen, when said pointing
26 device has dropped said display indicating frame at an arbitrary
27 place on said second screen to which said pointing device moved;
28 and

29 scroll said sub-screen so that the sub-screen of the page
30 displayed on said main screen comes to a predetermined position
31 of said sub-screen column.

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